

5016 Replacement CRF 23 Feb 2004 SEQUENCE LISTING

Saxena Shailendra K. <110>

<120> RIBONUCLEASES AND METHODS OF MAKING THEM RECOMBINANTLY

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<140> US 10/621,741

<141> 2003-07-17

<160> 74

<170> PatentIn version 3.1

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His Ser Thr Thr Gly Pro Val Lys Glu Ile Cys Arg Arg Ala Thr Gly 50 60

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His Ser Asn Thr Gly Pro Val Lys Asp Ile Cys Arg Arg Ala Ser Gly 50 55 60
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Asp Pro Ala Tyr Thr Pro Asp Gly Gln Cys Lys Pro Ile Asn Thr Phe 35 40 45

Ile His Ser Thr Thr Gly Pro Val Lys Glu Ile Cys Arg Arg Ala Thr 50 55 60

Gly Arg Val Asn Lys Ser Ser Thr Gln Gln Phe Thr Leu Thr Thr Cys 70 75 80

Lys Asn Pro Ile Arg Cys Lys Tyr Ser Gln Ser Asn Thr Thr Asn Phe 85 90 95

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Ile His Ser Asn Thr Gly Pro Val Lys Glu Ile Cys Arg Arg Ala Ser 50 55 60 Page 15

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Gly Lys Cys 115

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Cys Asn Arg Thr Met Asn Asp Pro Ala Tyr Thr Pro Asp Gly Gln Cys 35 40 45

Lys Pro Ile Asn Thr Phe Ile His Ser Thr Thr Gly Pro Val Lys Glu 50 60

Ile Cys Arg Arg Ala Thr Gly Arg Val Asn Lys Ser Ser Thr Gln Gln 65 70 75 80

Phe Thr Leu Thr Thr Cys Lys Asn Pro Ile Arg Cys Lys Tyr Ser Gln 85 90 95

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Met Lys Tyr Leu Leu Pro Thr Ala Ala Ala Gly Leu Leu Leu Ala Page 18 Ala Gln Pro Ala Met Ala Lys Pro Lys Glu Asp Arg Glu Trp Glu Lys
20 25 30

Phe Lys Thr Lys His Ile Thr Ser Gln Ser Val Ala Asp Phe Asn Cys 35 40 45

Asn Arg Thr Met Asn Asp Pro Ala Tyr Thr Pro Asp Gly Gln Cys Lys 50 55 60

Pro Ile Asn Thr Phe Ile His Ser Thr Thr Gly Pro Val Lys Glu Ile 70 75 80

Cys Arg Arg Ala Thr Gly Arg Val Asn Lys Ser Ser Thr Gln Gln Phe 85 90 95

Thr Leu Thr Thr Cys Lys Asn Pro Ile Arg Cys Lys Tyr Ser Gln Ser 100 105 110

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His Phe Val Lys Thr Gly Lys Cys

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Asp Pro Ala Tyr Thr Pro Asp Gly Gln Cys Lys Pro Val Asn Thr Phe
35 40 45

Ile His Ser Thr Thr Gly Pro Val Lys Glu Ile Cys Arg Arg Ala Thr 50 55 60

Gly Arg Val Asn Lys Ser Ser Thr Gln Gln Phe Thr Leu Thr Thr Cys 65 70 75 80

Lys Asn Pro Ile Arg Cys Lys Tyr Ser Gln Ser Asn Thr Thr Asn Phe Page 19

Ile Cys Ile Thr Cys Arg Asp Asn Tyr Pro Val His Phe Val Lys Thr $100 \hspace{1.5cm} 105 \hspace{1.5cm} 110$

Gly Lys Cys 115

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Asp Pro Ala Tyr Thr Pro Asp Gly Gln Cys Lys Pro Ile Asn Thr Phe 35 40 45

Ile His Ser Thr Thr Gly Pro Val Lys Glu Ile Cys Arg Arg Ala Thr 50 55 60

Gly Arg Val Asn Lys Ser Ser Cys Gln Gln Phe Thr Leu Thr Thr Cys 75 75 80

Lys Asn Pro Ile Arg Cys Lys Tyr Ser Gln Ser Asn Thr Thr Asn Phe 85 90 95

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Asn Ser Asp Ser Glu Cys Pro Leu Ser His Asp Gly Tyr Cys Leu His 1 10 15

Asp Gly Val Cys Met Tyr Ile Glu Ala Leu Asp Lys Tyr Ala Cys Asn 20 25 30 Page 20

Cys	val	∨a1 35	Gly	Tyr	Ile	Gly	G]u 40	Arg	Cys	Gln	Tyr	Arg 45	Asp	Leu	Lys	
Trp	Тгр 50	Glu	Leu	Arg	Gly	Gly 55	Ser	Gly	Gly	Pro	Gly 60	Gly	Ser	Lys	Pro	
Lys 65	Glu	Asp	Arg	Glu	Trp 70	Glu	Lys	Phe	Lys	Thr 75	Lys	нis	Ile	Thr	Ser 80	
Gln	Ser	val	Ala	Asp 85	Phe	Asn	Cys	Asn	Arg 90	Thr	Met	Asn	Asp	Pro 95	Ala	
Tyr	Thr	Pro	Asp 100	Gly	Gln	Cys	Lys	Pro 105	Ile	Asn	Thr	Phe	Ile 110	His	Ser	
Thr	Thr	Gly 115	Pro	val	Lys	Glu	11e 120	Cys	Arg	Arg	Ala	Thr 125	Gly	Arg	val	
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Ile 145	Arg	Cys	Lys	Туг	Ser 150	Gln	Ser	Asn	Thr	Thr 155	Asn	Phe	Ile	Cys	Ile 160	
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															cgggt	180
_	_	_	_	_	_										acttct	240
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